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desired wavelength among a plurality of target values respectively set for each of said plurality of wavelengths.

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14. (TWICE AMENDED) A device comprising:
a laser to oscillate at a plurality of wavelengths;
an etalon filter for receiving laser light output from said laser, which transmittance-wavelength characteristic is temperature dependence in accordance with temperature dependence of an oscillation wavelength of said laser;
light detecting means for receiving laser light output from said etalon filter and detecting light intensity of the received laser light; and
controlling means for generating oscillation of said laser at one of said plurality of wavelengths, and controlling an oscillation wavelength of laser light output from said laser so that an output value of said light detecting means becomes equal to a target value that is set for each of said plurality of wavelengths.

15. (ONCE AMENDED) An apparatus, comprising:
a light source having a plurality of lasers to oscillate at a plurality of wavelengths;
an etalon filter having a periodic transmittance-wavelength characteristic to receive laser light output from said light source;
a light detecting unit to receive laser light output from said etalon filter, and to detect light intensity of the received laser light; and
a control unit to generate oscillation of any one of said plurality of lasers at a desired wavelength, and to control the oscillation wavelength of the laser so that an output value of said light detecting unit becomes equal to a target value corresponding to said desired wavelength among a plurality of target values respectively set for each of said plurality of wavelengths.

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16. (ONCE AMENDED) An apparatus, comprising:
a light source having a plurality of lasers to oscillate at a plurality of wavelengths;
etalon filters, each having a periodic transmittance-wavelength characteristic to receive laser light output from said light source;
light detecting units to correspond to said etalon filters, respectively, to receive laser light output from said etalon filters, and to detect light intensity of the received laser light; and
a control unit to generate oscillation of any one of said plurality of lasers at a desired

wavelength, and to control the oscillation wavelength of the respective laser of said plurality of lasers so that an output value of the respective light detecting unit becomes equal to a target value corresponding to said desired wavelength among a plurality of target values respectively set for each of said plurality of wavelengths.

17. (ONCE AMENDED) An apparatus, comprising:

a light source having a plurality of lasers to oscillate at a plurality of wavelengths;

a light detecting unit to receive laser light output from an etalon filter, and to detect light intensity of the received laser light; and

a control unit to generate oscillation of one of said lasers at a desired wavelength, and to control the oscillation wavelength of the laser so that an output value of said light detecting unit becomes equal to a target value corresponding to said desired wavelength.

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